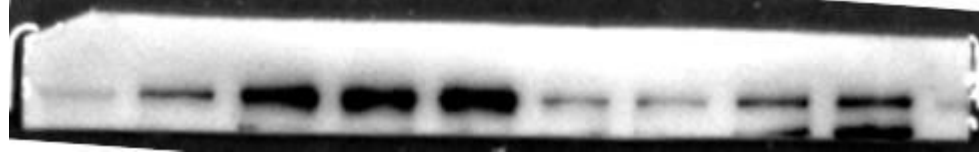


repeat1

cropped

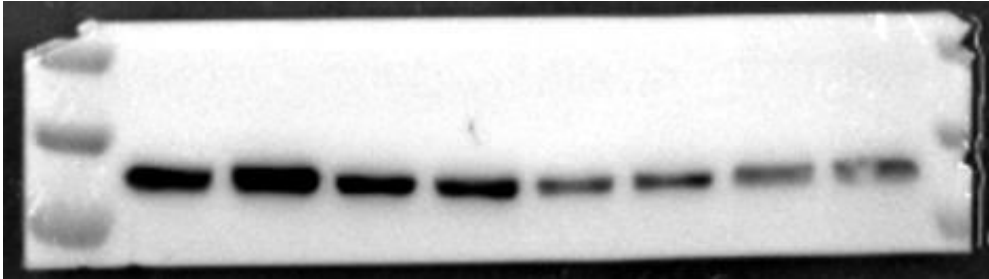
mk	Tan-I		Tan-I		Tan-I		Tan-I		mk
μM	0	0	0.5	0.5	5	5	50	50	

Fn (ab23750)
270kd
R



270kd

pSmad3 (ET1609-41)
54KD
R

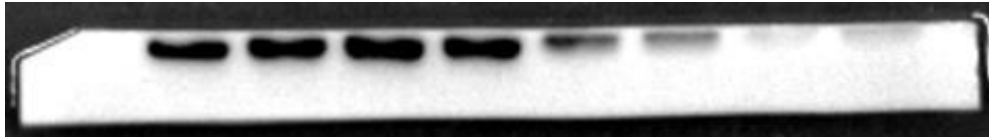


95kd

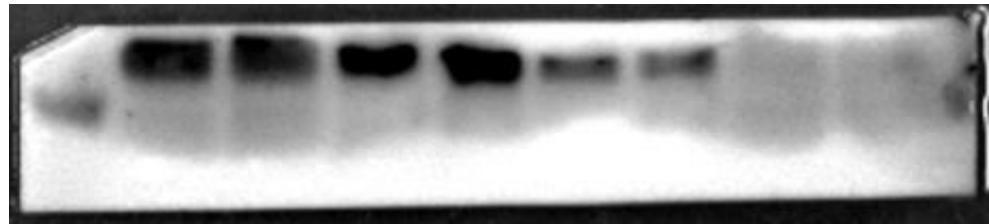
66kd

52kd

α -SMA (ET1607-53)
43kd
R

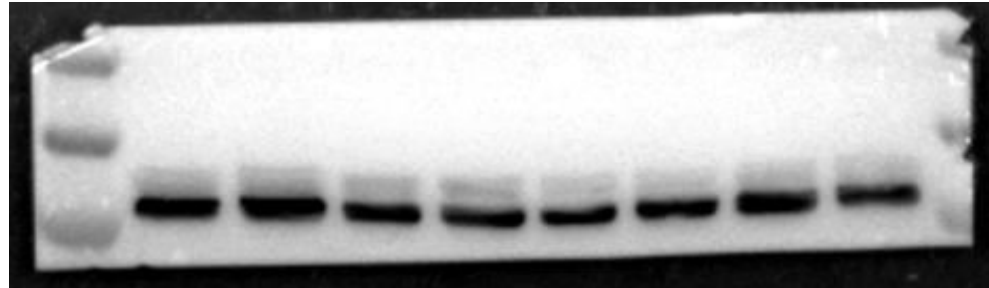


Snail (A11794)
34KD
R



30kd

α -Tubulin (AF0001),
55K
R



95kd

66kd

52kd

Figure 1. Tanshinone I (Tan-I) inhibits fibrotic changes of rat renal fibroblasts

Rat renal fibroblasts (NRK-49F) were starved for 24h and followed by 24h treatment with different concentration (0.5, 5, 50 μM) of Tan-I. The expression of fibronectin (FN), α -smooth muscle actin (α -SMA), Snail and phosphorylation of Smad3 (pSmad3) were analyzed by Western blotting and then quantified.

repeat1

Fn (ab23750)
270kd
R

original



merged



Snail (A11794)
34KD
R

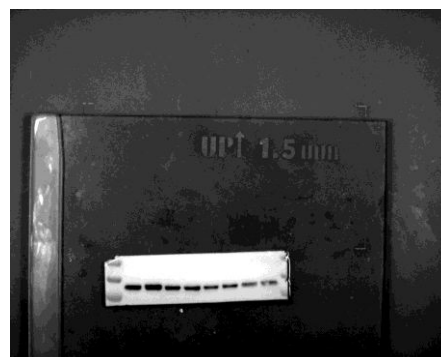
original



merged



pSmad3 (ET1609-41), 54KD,
R



a-Tubulin (AF0001), R,
55KD



a-SMA (ET1607-53),R,43kd



DT1	DT2	DT3	DT4	DT5	DT6	DT7	DT8
-----	-----	-----	-----	-----	-----	-----	-----

repeat2

cropped

Fn (ab23750)
270kd
R



270kd

pSmad3 (ET1609-41)
54KD
R



52kd

α-SMA (ET1607-53),R,43kd



37kd

Snail (A11794)
34KD
R

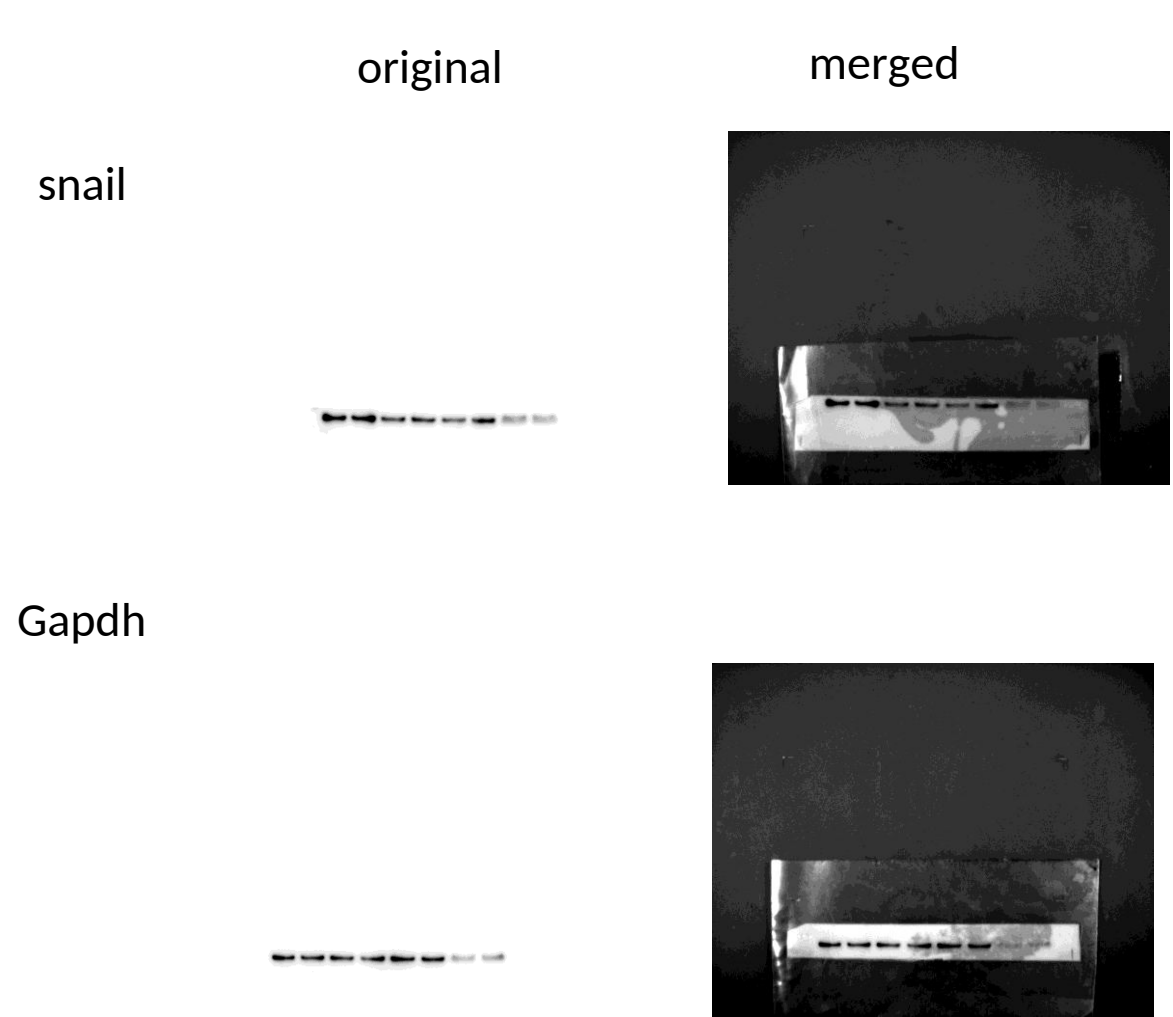
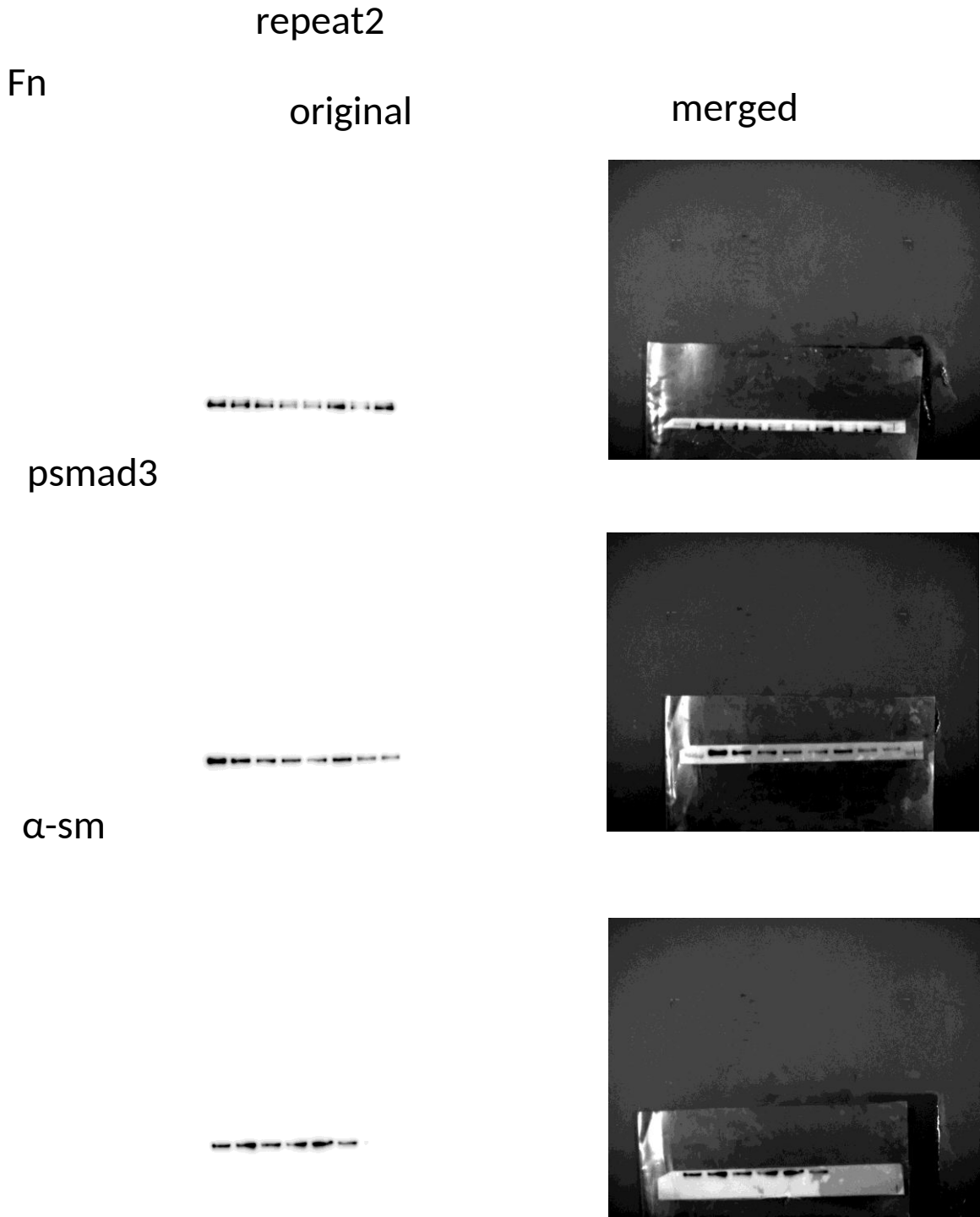


30kd

GAPDH(60001-I-IG)M,
37KD



37kd

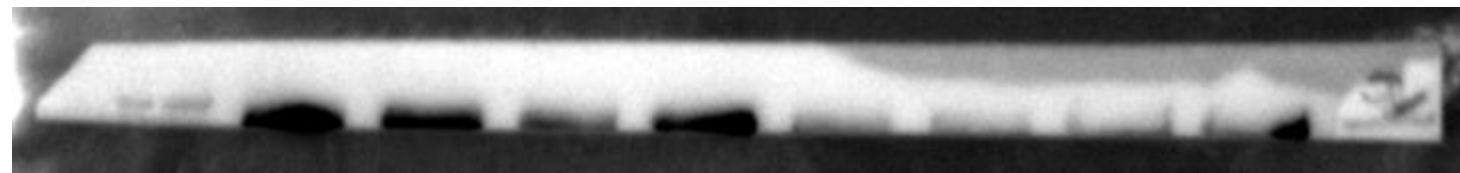


repeat3

DT1	DT2	DT3	DT4	DT5	DT6	DT7	DT8
-----	-----	-----	-----	-----	-----	-----	-----

cropped

Fn (ab23750)
270kd
R



270kd

pSmad3
(ET1609-41) 54KD R



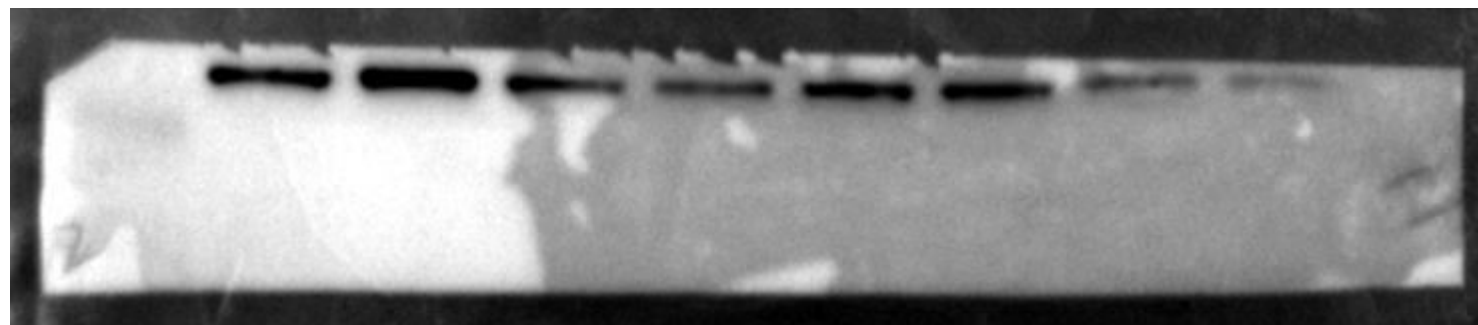
52kd

a-SMA (ET1607-53),R,43kd



37kd

Snail (A11794)
34KD
R



30kd

GAPDH(60001-I-IG)M,
37KD



37kd

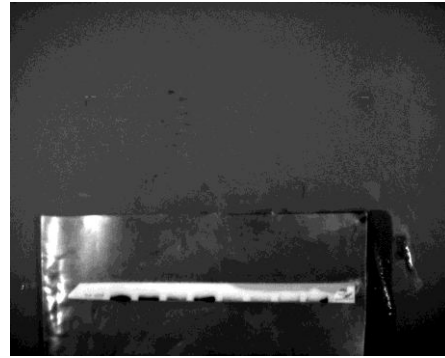
Repeat3

fn

original



merged

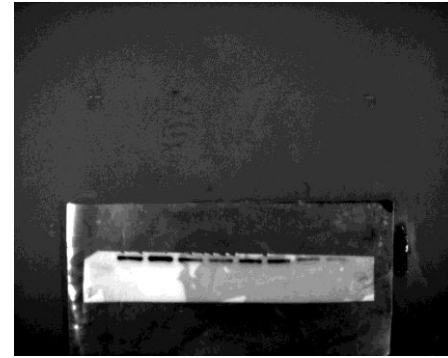


Snail

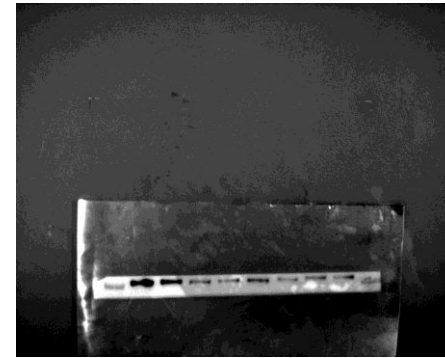
original



merged



psmad3



GAPDH



α -sma

